

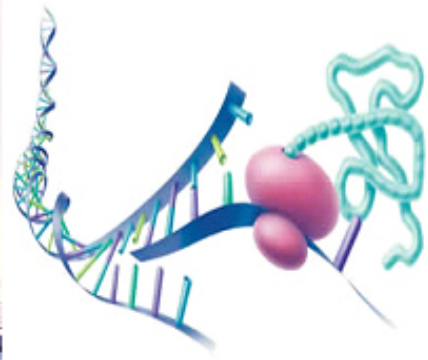
Biosciences and Protection Division

The Biosciences and Protection Division plays a vital role in protecting our warfighters...not only from the traditional stressors of battle such as fatigue and impact, but also from 21st-century biological and chemical warfare threats. In addition, advances in biotechnology biobehavior, and neuroscience are used to enhance and extend the human performance of our airmen. The RHP mission is to enhance airman performance through the development and application of revolutionary bioscience research and technology. Research is conducted in four main areas: Biomechanics, Applied Biotechnology, Counterproliferation, and Biobehavioral Performance.

RHP Organization

Biomechanics Branch (RHPA):

Develops technologies to anticipate, detect, and resolve threats to safety and performance. Research is focused on: (1) performance and safety in operational environments and equipment, (2) epidemiology for injury/disability prevention, and 3) biometric visualization for remote human signature intelligence and health status.



Applied Biotechnology Branch (RHPB):

Creates and delivers advanced biotechnology and nanotechnology solutions for protection and enhanced effectiveness of battlefield airmen and the integrated joint services mission.

Counterproliferation Branch (RHPC): Develops biotechnology for the detection, identification, monitoring, and neutralization of biological threat agents. Develops modeling and simulation techniques for operational assessment of pre- and post-bio-agent attacks.

Biobehavioral Performance Branch (RHPG): Develops and transitions technology to enhance human performance and survivability. Research is focused on fatigue modeling, assessment, and mitigation; bio-based performance; and decision effectiveness in sustained operations.

For more information contact...

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